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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 11, 2006 <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number		Unassigned 00/589346			
Filing Date		08/11/2006			
First Named Inventor		Mariko MATSUMOTO			
Group Art Unit		Unassigned			
Examiner Name		Unassigned			
Attorney Docket Number		072982-0278			

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	2003/0043767	A1	PAN et al.	03-06-2003	
	A2	2003/0035392	A1	PAN et al.	02-20-2003	
	A3	2002/0159415	A1	PAN et al.	10-31-2002	
	A4	6,349,119	B1	SOGABE et al.	02-19-2002	
	A5	6,333,953	B1	BOTTOMLEY et al.	12-25-2001	
	A6	6,212,371	B1	SAKUMA	04-03-2001	
	A7	5,291,519		TSURUMARU	03-01-1994	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A8	EP	1 473 853	A1	MATSUSHITA ELEC. IND.	11-03-2004		.
	A9	EP	1 128 569	A1	NEC CORPORATION	08-29-2001		.
	A10	EP	0 878 921	A1	MITSUBISHI DENKI	11-18-1998		.
	A11	EP	0 500 326	B1	NEC CORPORATION	07-10-1996		.
	A12	JP	2004-523957	A	DE P	08-05-2004		A
	A13	JP	2004-159284	A	MATSUSHITA DENKI	06-03-2004		A
	A14	JP	2001-510958	A	ERICSSON GE MOBILE	08-07-2001		A
	A15	JP	P3135586		MITSUBISHI ELECTRIC	12-01-2000		A
	A16	JP	2000-138656		NEC CORPORATION	05-16-2000		A
	A17	JP	11-239082		NEC CORPORATION	08-31-1999		A
	A18	JP	7-038479		NEC CORPORATION	02-07-1995		A
	A19	JP	5-276059		SONY CORPORATION	10-22-1993		A
	A20	JP	5-207076		NEC CORPORATION	08-13-1993		A
	A21	JP	4-267647		NEC CORPORATION	09-24-1992		A
	A22	WO	2004/025876		MATSUSHITA ELECTRIC	03-25-2004		A
	A23	WO	02/063779	A2	INTERDIGITAL TECH.	08-15-2002		
	A24	WO	00/27042		NEC CORPORATION	05-11-2000		A
	A25	WO	99/04537		ERICSSON INC.	01-28-1999		
	A26	WO	98/23043		MITSUBISHI DENKI	05-28-1998		A

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Sheet	2	of	2		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A27	T. KAWAMURA et al., "Throughput Comparison Between Multipath Interference Canceller and Chip Equalizer in HSDPA," Technical Report of IEICE, Vol. 101:545, 2002, pp. 89-96.	

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